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**IEEE JNL**    **IEEE Journal of  
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IEEE CNF IEEE Conference  
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IEEE STD IEEE Standard

## 1. Edge-directed interpolation

Allebach, J.; Ping Wah Wong

Image Processing, 1996. Proceedings., International Conference on

Volume: 3 16-19 Sep 1996

Page(s): 707-710 vol.3

Digital Object Identifier 10.1109/JCIP.1996.560768

**Summary:** We present a new method for digitally interpolating images to higher resolution. The method consists of two phases: rendering and correction. The rendering phase is edge-directed. From the image data, we generate a high resolution edge map by ....

AbstractPlus | Full Text: PDF IEEE CNF

## 2. A minimax method for function interpolation using an SLI structure

Agar, A.U.; Allebach, J.P.

Image Processing, 1997. Proceedings., International Conference on

Volume: 1 26-29 Oct 1997

Page(s): 671-674 vol.1

Digital Object Identifier 10.1109/ICIP.1997.648002

**Summary:** We derive a closed form solution to the problem of finding an optimal grid for sequential linear interpolation (SLI) of a 3-D function. The criterion of optimality is to minimize the maximum absolute interpolation error. The approach we take.....

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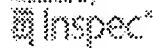
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